Data Visualization With Power BI

Vishal Padghan (Great Learning)

Offerings Of This Course

01	BI and Data Visualization		05	Power BI Installation
02	What is Power BI?		06	Power BI DAX
03	Power BI Components		07	Visual Analytics
04	Building Blocks Of Power BI		08	Power BI Visuals/Charts

What Is Business Intelligence?

What Is Business Intelligence?

Raw Data   Business Intelligence   Business Insights

Business Intelligence Features

Better Business
Understanding

Decision Making

Quick navigation

Instant Answers

Phases Of Business Intelligence

Phases Of Business Intelligence

IT Dependent

Analyst

End User

What Is Data Visualization?

What Is Data Visualization?

Design

Information Science

Data
Visualization

William Playfair
(Geometric Charts 1781)

Explored exports from seventeen
countries to Scotland

Communication

Data Visualization Tools

Data Visualization Tools

What Is PowerBI?

What Is PowerBI?

From connection to collaboration, PowerBI is the most powerful, secure and flexible end-to-end analytics platform for your data
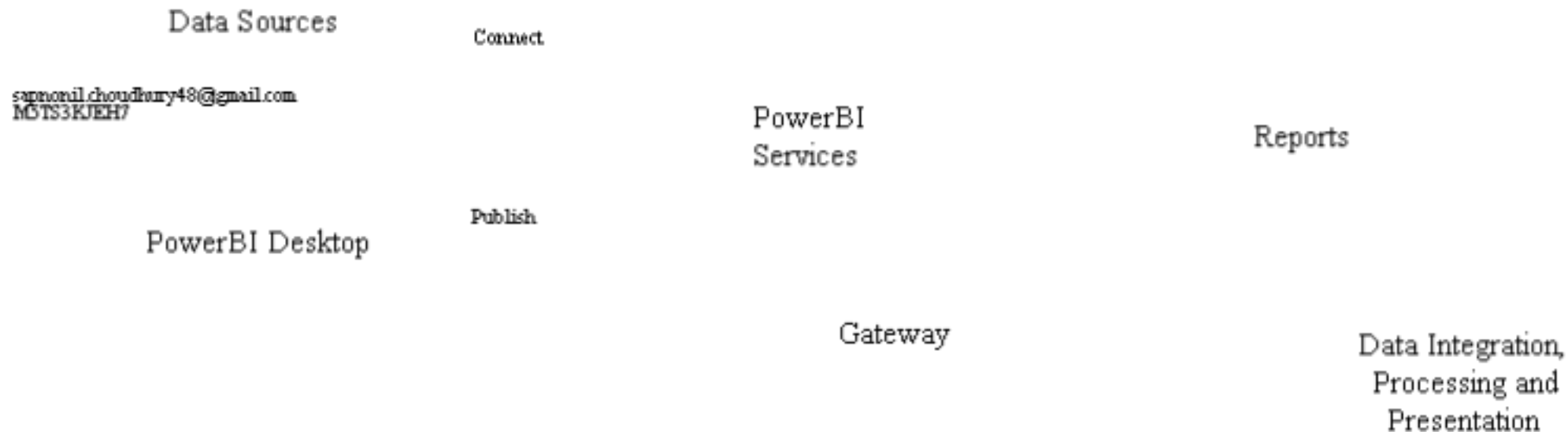
Apt Visualizations

Depth

Automatic Function

Connection To Data

PowerBIArchitecture

Data Sources

Connect

PowerBI
Services

Reports

Publish

PowerBI Desktop

Gateway

Data Integration,
Processing and
Presentation

Components Of PowerBI

Components Of PowerBI

Power Query   Power View   PowerBI QNA

Power Pivot   Power Map

Building Blocks Of PowerBI

Building Blocks OfPowerBI

Visualizations

Dashboards

Datasets

Tiles

Reports

PowerBI Reports

PowerBIReports

It is a multi-perspective view into a particular data set with visualizations that represent different findings and insights from that a set. A report may be a single visualization or pages full of visualizations.

PowerBI Dashboards

PowerBIDashboards

It is a single page, also known as a canvas, that uses visualizations to tell a particular story. It is limited to one page, and a point note is that a good dashboard contains only the important elements of that story.

Demo: PowerBI Installation and Interface

Power BI Data Types

PowerBIData Types

PowerBI DAX

PowerBIDAX

DAX is a collection of functions, operators and constant used in formulas, to return one or more values. It is a native formula and Query language by Microsoft

Functional Query
Language

Deals with
relational data

Performs
Aggregations

PowerBIDAX

Syntax   Context

Function

Measure = Function(TableName(ColumnName))

Visual Analytics

Popular Cloud Service Providers

Question and Answer Time

Summary

Thank You